

CLAIMSIN THE CLAIMS

A marked up version follows this clean form as required under 37 C.F.R. § 1.121.

Please amend claims 1, 2, 5-7, 10-12 and 15 as follows.

1. (Currently Amended) A communication method for transmitting data from a server to a requesting computer, said method comprising steps of:
  - receiving a request for a data item at the server;
  - receiving a speed indication signal at the server from the requesting computer, wherein the speed indication signal comprises an indicated speed of transmission; and
  - limiting a transmission an average rate of transmission of at least a portion of the data item across a data link to the requesting computer to be not greater than the indicated speed, wherein the indicated speed is less than the data rate of the data link and the data rate capacity of the server.
2. (Currently Amended) A communication method according to claim 1 in which the limiting step comprises substeps of:
  - determining a block size based at least on the average transmission rate;
  - determining a period based at least on the average transmission rate; and
  - transmitting a plurality of blocks of data, each of the blocks having the block size and being transmitted at intervals substantially equal to the time period.
3. (Currently Amended) A communication method according to claim 1, further comprising steps of:
  - accessing a remote computer indicated in an address included in the request, wherein the remote computer is not one of the server and the requesting computer; and
  - receiving, at the server, the first data item from the remote computer.

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4. (Original) A communication method according to claim 1 further comprising steps of reading the data item from a memory associated with the server.

5. (Previously Presented) A communication method for transmitting data from a server to a requesting computer, said method comprising the steps of:

accepting a user request for a data item at a client computer;  
accepting a user input speed setting at the client computer;  
generating a schedule for issuing pause transmission and resume transmission signals based on the user input speed setting, wherein the schedule limits a transmission rate of transmission of at least a portion of the data item across a data link to the requesting computer to be not greater than the user input speed, wherein the input speed is less than the data rate of the data link and the data rate capacity of the server;

transmitting the user request for a data item to a server computer; and  
sending a sequence of pause transmission and resume transmission signals from the client computer to a server computer according to the schedule.

6. (Currently Amended) A communication system for transmitting data from a server to a requesting computer comprising:

a means for receiving a request for a data item at the server;  
a means for receiving a speed indication signal at the server from the requesting computer, wherein the speed indication signal comprises an indicated speed of transmission; and

a means for limiting a transmission an average rate of transmission of at least a portion of the data item across a data link to the requesting computer to be not greater than the indicated speed, wherein the indicated speed is less than the data rate of the data link and the data rate capacity of the server.

7. (Currently Amended) A communication system according to claim 6 in which the limiting means comprises:

a means for determining a block size based at least on, the average transmission rate;

a means for determining a period based at least on, the average transmission rate;

a means for transmitting a plurality of blocks of data, each of the blocks having the block size and being transmitted at intervals substantially equal to the time period.

8. (Currently Amended) A communication system according to claim 6, further comprising:

a means for accessing a remote computer indicated in an address included in the request, wherein the remote computer is not one of the server and the requesting computer; and

a means for receiving, at the server, the first data item from the remote computer.

9. (Original) A communication system according to claim 6 further comprising means for reading the data item from a memory associated with the server computer.

10. (Previously Presented) A communication system for transmitting data from a server to a requesting computer comprising:

a means for accepting a user request for a data item at a client computer;

a means for accepting a user input speed setting at the client computer;

a means for generating a schedule for issuing pause transmission and resume transmission signals based on the user input speed setting, wherein the schedule limits a transmission rate of transmission of at least a portion of the data item across a data link to the requesting computer to be not greater than the user input speed, wherein the

input speed is less than the data rate of the data link and the data rate capacity of the server;

a means for transmitting the user request for a data item to a server computer; and

a means for sending a sequence of pause transmission and resume transmission signals from the client computer to a server computer according to the schedule.

11. (Currently Amended) A computer readable medium containing programming instructions for data communication comprising programming instructions for:  
receiving a request for a data item at a server;  
receiving a speed indication signal at the server from the requesting computer,  
wherein the speed indication signal comprises an indicated speed of transmission; and  
limiting a transmission an average rate of transmission of at least a portion of the data item across a data link to the requesting computer to be not greater than the indicated speed, wherein the indicated speed is less than the data rate of the data link and the data rate capacity of the server.

12. (Currently Amended) The computer readable medium according to claim 11  
wherein the programming instruction for limiting comprises programming instructions for:  
determining a block size based on, at least, the average transmission rate;  
determining a period based on, at least, the average transmission rate; and  
transmitting a plurality of blocks of data, each of the blocks having the block size and being transmitted at intervals substantially equal to the time period.

13. (Currently Amended) A computer readable medium according to claim 11, further comprising programming instructions for:  
accessing a remote computer indicated in an address included in the request,  
wherein the remote computer is not one of the server and the requesting computer; and

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receiving, at the server, the first data item from the remote computer.

14. (Original) A computer readable medium according to claim 11, further comprising programming instructions for reading the data item from a memory associated with the server computer.

15. (Previously Presented) A computer readable medium containing programming instructions for data communication comprising programming instructions for:  
accepting a user request for a data item at a client computer;  
accepting a user input speed setting at the client computer;  
generating a schedule for issuing pause transmission and resume transmission signals based on the user input speed setting, wherein the schedule limits a transmission rate of transmission of at least a portion of the data item across a data link to the requesting computer to be not greater than the user input speed, wherein the input speed is less than the data rate of the data link and the data rate capacity of the server;  
transmitting the user request for a data item to a server computer; and  
sending a sequence of pause transmission and resume transmission signals from the client computer to a server computer according to the schedule.

16. (Previously Presented) The method according to claim 1, wherein the transmission rate is not related to a speed that is associated with the data item.

17. (Previously Presented) The communication system of claim 6, wherein the transmission rate is not related to a speed that is associated with the data item.

18. (Previously Presented) The computer readable medium according to claim 11, wherein the transmission rate is not related to a speed that is associated with the data item.